

Operation:

- to 7: Put the thermoforming material into the foil frame (H)(ill. 7), insert the foil cover ring (I) and secure by rotating the securing screws (J).
8. On completion of the heating up period an acoustic signal and a green light will switch on. The foil frame is moved backwards by handle (G) under the heating element (ill. 8) until the stop is reached.
9. The required heating time is displayed and runs automatically. Control light green. The vacuum pump is automatically switched on 1 min. before completion of the heating process.
10. After completion of the heating time an acoustic signal is sounded, the display shows 0.00 and the control light goes out. Move the foil frame rapidly over the model (ill. 9) and downwards (ill. 10).
11. The deepest position of the foil frame provides by a contact an immediate vacuum. It is sufficient to press the frame totally downwards without a special effort.
12. The thermoforming material is now formed and the vacuum pump continues to run for 1 min. Then the vacuum is released and the thermoformed foil can be taken out (ill. 11). It may be necessary to allow thicker materials to continue to cool down before removing them from the unit.
13. The heating time entered before is flashing in the display. If the thermoforming procedure shall be continued, either change the time for another foil or confirm. The procedure will then pass again. Otherwise switch off the machine at the main switch.

Advice:

The heating element automatically extinguishes after app. 20 sec. if the following working steps are not made. Once the heater has gone out, the programm will have to be repeated.

Cleaning and maintenance

The unit should only be cleaned with a damp cloth. Do not use any solvents or other cleaning agents. To ensure that the unit maintains its full suction the rubber seals require replacing once a year. The new seals should be firmly pushed into position.

We wish to advise you that the unit should only be used for its intended purpose, in case of non-observance we cannot take any liability or guarantee for damages.



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Instructions



Vacuum thermoforming unit for the dental thermoforming technique. With electronically controlled working procedure. Independent on compressed air. With integral vacuum pump and vacuum reservoir (patented).

RVE

ISO 13485:2003



Supplies:

188 000 ERKOFORM-RVE with foil introductory kit, net model support, filling granules, collecting container for filling granules

Technical data:

H 31 cm/W 24 cm/D 35 cm
weight app. 10.2 kg
max. vacuum 0.8 bar
noise level < 70 dB(A)

Electrical data:

230/240 or 115/100 Volt~
330 Watt
Heating element 280 Watt
Fuse 2 x T-2A (230/240 V)
or 2 x T-4A (100/115 V)

Putting into operation

Fit the supplied plug in the rear socket of the machine. Plug in at the wall socket, the unit is operational.

ATTENTION! Security advices

Do not touch heater - hot surface!

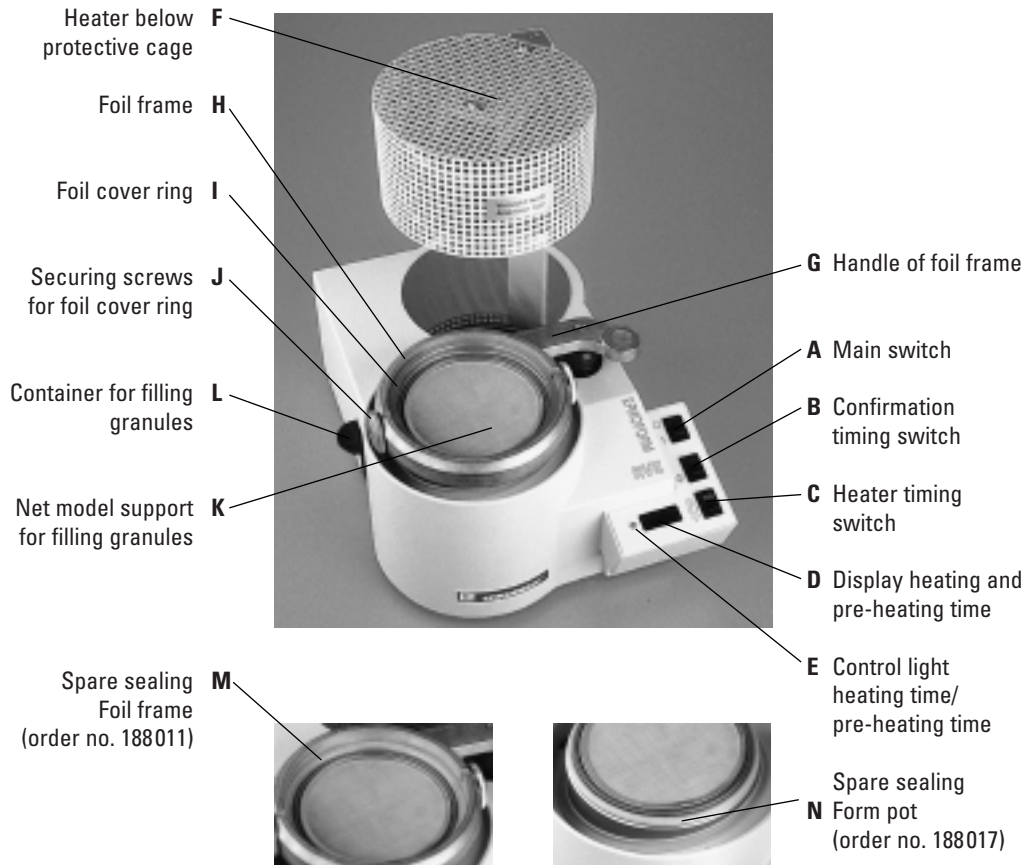
Operate the unit only under supervision.

Do not keep slightly inflammable materials in direct area of the machine. Heat and work **only** with suitable thermoforming materials.

Installation instructions

The ERKOFORM-RVE is connected to electricity independent on compressed air equipment. In order to avoid water getting into the appliance (for example water splashes), the appliance should be installed in dry conditions.

When working with the ERKOFORM-RVE unit, please observe the general instructions for avoidance of accidents. If the appliance is not used, separate it from electricity.



Operation:

The machine should always be filled with granules (ill. 1). To fill it in, hold on the foil frame (**H**) and lift it upwards with the aid of the handle (**G**) and turn forwards round the pivot until the stop is reached. Smooth out granules. Surplus granules should be brushed away with supplied brush and collected in the granule overflow reservoir (**L**). Please ensure that no granules remain on the seals. Recommendation: Test the movement of the foil frame when the appliance is switched off. The below instructions relate to the construction of a splint made from ERKODUR thickness 1 mm. Please note that other thicknesses and materials require different heating time.

1. Switch on main switch (**A**).
2. The visual display flashes (**D**).
3. Enter heating time referring to our recommended time chart (foil heating times) by pressing switch (**C**) (ill. 2), ERKODUR 1 mm = 50 sec. (press top of switch to increase time, press bottom of switch to decrease time, to speed press switch firmly).
4. Confirm the heating time by pressing switch (**B**) (ill. 3). This will initiate the pre-heating time 1.45 (105 sec.). Keep the switch pressed until the time at the visual display changes to 1.45. The red control light becomes illuminated (**E**). If the unit remains switched on, the pre-heating time for all further thermoforming processes will be 1 min. 30 sec. The change of the pre-heating time will be made automatically so that the operation will be as usual.
5. If not already done, move foil frame (**H**) upwards and then forwards.
6. Place the model in filling granules (ill. 4) or on top of the net model support (**K**) (ill. 5). If this support is set in, the filling granules should be level with the top of the form pot so that the support lies flatly (this can be done before entering the heating time).
7. Release the foil cover ring (**I**) by rotating the securing screws (**J**) and take it off (ill. 6).

